

# Tactical Data Network



## DESCRIPTION

The Tactical Data Network (TDN) augments the existing Marine Air-Ground Task Force (MAGTF) communications infrastructure by forming the communications backbone for MAGTF tactical data systems and the Defense Messaging System (DMS). The TDN system consists of a network of gateways and servers interconnected with one another and their subscribers via a combination of common-user, long-haul transmission systems, along with local area networks (LANs) and switched telephone systems.

## OPERATIONAL IMPACT

TDN provides its subscribers with basic data transfer and switching services; access to strategic, supporting establishment, joint, and other-service component tactical data networks; network management capabilities; and, value-added services, such as message handling, directory services, file sharing, and terminal emu-

lation support. It will provide Internet Protocol connectivity for tactical data systems and the DMS.

## PROGRAM STATUS

The Marine Corps has fielded 31 TDN gateway and 462 TDN Data Distribution Systems (DDS). An additional 30 TDN DDS are planned for use at the Marine Corps Communications and Electronics School. TDN Block I is complete.

A Block II modification and upgrade of the TDN Data Distribution System that provides backup and redundancy was fielded in FY 2004. A TDN Block III modification/upgrade, Information Assurance (IA) integration, and secure wireless LAN is planned for FY 07 and FY 08.

Procurement Profile:	FY 06	FY 07
Quantity:	5	VAR*
Developer/Manufacturer: General Dynamics Communication Systems, Taunton, MA		

\*Quantities consist of Gateway and DDS Upgrades, DDS's, and Mobile Server Variants.